

FLEXOWALL®

5 mm high performance
SBS modified polyester-
glass reinforced membrane



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Flexowall is a high performance SBS modified waterproofing membrane, specifically designed for the waterproof finish of vertical areas on a roof, as waterproof layer in a build-up system and for tanking.

On roofs, the slated Flexowall is used to waterproof upstands and abutment walls. In a built-up roof system, Flexowall is the absolutely top quality reinforced layer.

With a sanded finish, Flexowall is designed to be the waterproofing membrane for walls in tanking and roofing works

The bituminous compound of Flexowall contains only ingredients that help to guarantee a maximum waterproofing lifetime. Therefore, only bitumen and SBS are combined. No sand, fillers or oil are added as they undermine the longevity of a waterproofing product. Compared to other reinforced waterproofing membranes, 50% more SBS is added to the Flexowall compound. Flexowall contains a high quality thermally bonded polyester-glass combination as

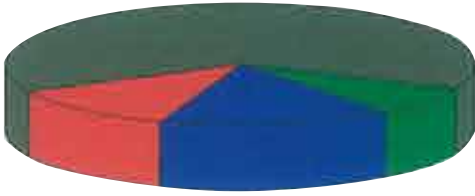


reinforcement with a minimum weight of 200 g/m², which ensures perfect dimensional stability and excellent tearing strength. The membrane has a thickness of 5 mm and is finished with various modern colours of slates, where grey/green is the standard.

N.B. The sanded finished version is used in concealed roofsystems and for tanking only.



Flexowall 5 mm



- SBS
- Bitumen
- Reinforcement
- Slates/sand

Advantages of Flexowall:

- Easy to install;
- Perfect adhesion due to the high content of SBS;
- 5 mm thickness;
- No filler or oil added to the compound;
- No shrinkage of the reinforcement;
- Life expectancy up to 30 years;
- 20 years of guarantee available.



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Quality at the highest level

Subject	Test Method	Unit	Tolerance	Nominal Value
Thickness	EN 1849-1	mm	+/- 5%	5,0
Length	EN 1848-1	m	-1%	7,5
Width	EN 1848-1	m	+/- 1 %	1,0
Longitudinal curvature	EN 1848-1	mm/5m	+0	+5
Mass per m2	EN 1849-1	g/m2	-10%	5200
Free deformation	EN 1107-1	%	+/- 0,3	0
Bitumen quantity				
*total	NEN 2087	g/m2	-0	+2500
*top	NEN 2087	g/m2	-0	500
*bottom	NEN 2087	g/m2	-0	1500
Filler content		%	+/-5	5
Massvariation in width direction	NEN 2087	-	+0,20	1,0
Flow temperature	EN 1110	°C	-0	100
Flow temperature after ageing	EN 1296, EN 1110	°C	-0	90
Cold bending temperature	EN 1109	°C	+0	-25
Thermal stability 80 °C 1 week	EN 1296, EN 1109	°C	+0	-20
Tensile strength at break				
*length	EN 12311-1	N/50mm	+/-20%	800
*width	EN 12311-1	N/50mm	+/-20%	800
Membrane elongation at break				
*length	EN 12311-1	%	+/-15%	40
*width	EN 12311-1	%	+/-15%	40
Tearing strength	NEN 2092	N	-0	120
Nail tearing strength	EN 12310-1	N	-0	300
Bitumen/SBS compound elongation				
*length	ISO 37	%	-0	1000
*width	ISO 37	%	-0	1000



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